



**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT (POLREP)**

I. HEADING

Date: December 19, 2002
Subject: Oak Street Site
Taunton, MA
From: Frank Gardner, OSC, EPA Region 1, Office of Site Remediation and
Restoration, Emergency Planning and Response Branch
To: POLREP Distribution List
POLREP: 3

II. BACKGROUND

Site No.: 01AB
Delivery Order No.: 0077
Response Authority: CERCLA, §104(a)
ERNS No.: N/A
CERCLIS No.: MAN000103169
NPL Status: non-NPL
State Notification: MA DEP notified
Action Memo: Signed on June 6, 2002 by Larry Brill, Acting Deputy Director, Office of
Site Remediation and Restoration
Start Date: June 12, 2002
Demob Date: To Be Determined
Completion Date: To Be Determined

III. SITE INFORMATION

A. Incident Category

Inactive Waste Management Facility

B. Site Description

The site is located on Oak Street within a residential neighborhood and is abutted by a public housing complex to the west, Oak Street and an elderly housing complex to the south, private homes to the east, and vacant lots and private homes to the north. The site is a vacant lot measuring approximately 1 acre. The site was used for the disposal of solid waste until approximately the late 1980s. Fill, construction debris, asphalt, scrap metal, and drums were disposed of at the site in an undocumented manner. Drums buried at the site and associated

contaminated soils contain hazardous substances including, but not limited to, toluene, trichloroethylene, and 3/4-methylphenol. See polrep #1 for additional background information.

C. Preliminary Assessment/Site Investigation Results

In November of 2001, the Massachusetts Department of Environmental Protection (DEP) notified EPA of the presence of buried drums at this vacant property and requested EPA's assistance in addressing the site. On November 21, 2001, EPA initiated a Preliminary Assessment/Site Investigation (PA/SI) which included walking the site with the property owner and representatives of DEP, reviewing site background information, sampling of surface soils, mapping magnetic anomalies using geophysical surveys, digging test pits, and sampling of buried drums. The PA/SI was concluded, and a removal action was recommended in a closure memo dated March 22, 2002.

IV. RESPONSE INFORMATION

A. Situation

1. Current situation

The ERRS contractor has mobilized to the site and set up operations. Excavation and exhumation of drums is underway.

2. Removal activities to-date

Week of September 9 - September 13, 2002

The ERRS contractor continues site preparation activities. Temporary high visibility fencing is installed around the site perimeter, trees are cleared, and the decontamination area is set up.

Week of September 16 - September 20, 2002

The ERRS contractor completes clearing trees and preparing the site and begins excavation for buried drums. One compressed gas cylinder is exhumed. The START contractor begins air monitoring for organic vapors and respirable dust.

Week of September 23 - September 27, 2002

The ERRS contractor continues excavation for buried drums and begins backfilling clean areas. The START contractor continues air monitoring for organic vapors and respirable dust.

Weeks of September 30 - October 25, 2002

The ERRS contractor continues excavation for buried drums and backfilling clean areas. An encapsulant foam application system and a vapor-phase carbon treatment system are mobilized to the site and tested for vapor control purposes. The START contractor

continues air monitoring for organic vapors and respirable dust.

Week of October 28 - November 1, 2002

The ERRS contractor continues excavation for buried drums and backfilling clean areas. Two buried drums (D001 and D002) are exhumed, sampled, and overpacked. Associated contaminated soils are excavated and placed into sealed roll-off containers. The START contractor continues air monitoring for organic vapors and respirable dust.

Week of November 4 - November 8, 2002

The ERRS contractor continues excavation for buried drums and backfilling clean areas. Three buried drums (D003-D005) are exhumed, sampled, and overpacked. Associated contaminated soils are excavated and placed into sealed roll-off containers. The START contractor continues air monitoring for organic vapors and respirable dust.

Week of November 11 - November 15, 2002

The ERRS contractor continues excavation for buried drums and backfilling clean areas. Thirty buried drums (D006-D035) are exhumed and overpacked. Associated contaminated soils are excavated and placed into sealed roll-off containers. The START contractor continues air monitoring for organic vapors and respirable dust.

Week of November 18 - November 22, 2002

The ERRS contractor continues excavation for buried drums and backfilling clean areas. Eleven buried drums (D036-D046) are exhumed and overpacked. Associated contaminated soils are excavated and placed into sealed roll-off containers. The START contractor continues air monitoring for organic vapors and respirable dust.

Week of November 25 - November 27, 2002

The ERRS contractor continues excavation for buried drums and backfilling clean areas. The START contractor continues air monitoring for organic vapors and respirable dust.

Week of December 2 - December 6, 2002

The ERRS contractor continues excavation for buried drums and backfilling clean areas. Hazard categorization (hazcat) testing is conducted on drum samples in preparation for off-site disposal of drums exhumed to date. The START contractor continues air monitoring for organic vapors and respirable dust.

Week of December 9 - December 13, 2002

The ERRS contractor continues excavation for buried drums and backfilling clean areas. Twenty buried drums (D047-D066) are exhumed and overpacked. One of the drums (D066) is found to be marked with an "ICI" logo, resulting in EPA naming Zeneca Inc. a potentially responsible party at the site. Associated contaminated soils are excavated and placed into sealed roll-off containers. The START contractor continues air monitoring for organic vapors and respirable dust.

3. Enforcement

A *Notice and Demand for Payment* letter has been sent to the following potentially responsible parties: Rose Realty Trust One (as current owner), Mr. Leonel S. Rose and Christine A. Rose (as owner at the time of disposal), and Zeneca Inc. (as a generator of waste at the site). At this time, the removal is proceeding as an EPA fund-lead action.

B. Planned Removal Activities

Planned activities include continued excavation of buried drums and associated contaminated soils as they are uncovered. Drums will be logged, inspected, sampled, and overpacked. Drums and contaminated soils will be shipped off-site for disposal at approved disposal facilities. Upon completion of excavation and disposal activities, the site will be restored to vegetative cover. Removal activities will continue to be conducted in close coordination with the DEP and the City of Taunton.

C. Next Steps

The ERRS contractor will secure transportation and off-site disposal for the drums recovered to date.

D. Key Issues

Air monitoring will continue to be performed at the perimeter of the site throughout invasive site activities. Since the hazardous substances present are volatile and the site is located within a residential area, engineering controls have been mobilized and will be used as necessary to address air quality issues. Such engineering controls may include applying foam to the excavation to suppress volatilization of contaminants or constructing a temporary shelter over areas being excavated.

V. COST INFORMATION

<u>Extramural Costs</u>	CEILING	SPENT	REMAINDER
Cleanup Contractor Costs*	\$1,000,000	242,468	757,532
Superfund Technical Assessment/Response Team	+ <u>\$200,000</u>	<u>74,370</u>	<u>125,630</u>
Extramural Subtotal	\$1,200,000	316,838	883,162
Contingency (25%)	+ <u>\$300,000</u>	<u>- 0 -</u>	<u>300,000</u>
Extramural Total	\$1,500,000	316,838	1,183,162
<u>Intramural Costs</u>			
EPA Regional Personnel	+ <u>\$250,000</u>	<u>52,800</u>	<u>197,200</u>

<u>PROJECT CEILING</u>	\$1,750,000	369,638	1,380,362
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**The current available ERRS funding (Task Order ceiling) is \$650,000.*

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.¹

VI. DISPOSITION OF WASTES/PRODUCT

No disposal activities have been conducted to date.

¹Approximate amount used for cost recovery purposes will be actual costs, for example, \$1,750,000 x 1.2702 (current indirect rate).

12/20/02 POLREP DISTRIBUTION LIST

Date and Polrep #: 3

Project: *owl*

Revised: 8/27/01

M_x National Response Center (G-TGC-2), Headquarters USCG,
Room 2611, 2100 2nd St., S.W., Washington, DC 20593
M First U.S. Coast Guard District, Commander (m),
408 Atlantic Ave., Boston, MA 02210-2209
L_x US EPA, Mike Hurd, Emergency Response Division (5202G)
401 M St., S.W., Washington, DC 20460

For Federally Funded Oil Spills

M Eleanor Deegan, c/o Commander (FCP-2), 300 East Main St. Suite 965,
Norfolk, VA 23510-9113
M Commander (cm), National Pollution Fund Center
4200 Wilson Blvd., Suite 1000, Arlington, VA 22203-1804

EPA, Boston

L_x Robert W. Varney, Regional Administrator, RAA
L_x Stephen Perkins, Office of Admin. & Resource Mgt., MIO
L_x Mark Merchant, RAA
L_x Nancy Grantham, MCS
L_x Joanna Jerison, Office of Regional Counsel, SES
L_x Rudy Brown, Gov't Relations, RAA
Gov't Relations Contact (by State):
L ☒ MA/ME - Michael Ochs, Office of Senior Advisor for Policy ORA-103
L NH/RI/VT - Rudy Brown, RGR
P_x Dennis Poltrino, Investigations Office, OIG/I
P_x Paul McKechnie, Investigations Office, OIG/A
L_x Designated ORC Attorney *Andy Levine* *** SEE ATTORNEY LIST
L_x Hilary Kelley - Contracts, Procurement & Facilities, MCP
L_x Tim Donaher, MCP
L_x Ray DiNardo, SEA (EMERGENCY RESPONSES ONLY)
L_x Don Grant, SEW
L_x Angela Bonarrigo, RAA
L_x Ken Finklestein, HIO
L_x R1 CustomerService

Regional Response Team

M_x DOI, Andrew Raddant, Regional Environmental Officer,
408 Atlantic Avenue, Room 142, Boston, MA 02110-3334
M DOD (USN, USA, USAF, DLA)
P_x U.S. Department of Commerce
LCDR Emily B. Christman
NOAA, G-MOR
2100 2nd Street SW, Room 2100
Washington, DC 20593-0001

EPA, OSRR

☒ Pat Meaney, Director, Office Of Site Remed & Restoration, HIO
☒ Dennis Huebner, Off Of Site Remed. & Restoration, HIO
☒ Rich Cavagnero, HIO
☒ Dennisses Valdes, HBR
☒ Sharon Fennelly/Tina Hennessy, HBR
☒ Enforcement Files (HARD COPY)
☒ Dave McIntyre - SE&R I, HBR
☒ Steven Novick - SE&R II, HBR
☒ Arthur Johnson - (for Emergency Responses only) HBR
☒ Cheryl OHalloran (CERCLIS Coordinator), HBR
☒ MaryJane O'Donnell, HBT
☒ ~~Fran Picardo, HBS~~
☒ Filomena M. DiNardo - Contract Management, HBS
☒ John Carlson- Contract Management, HBS
☒ Lynne Galvin, HBS
☒ Bob Hinten, HIO
☒ ~~Vivian Coughlin, HBR~~
☒ Fran Kearns, HBR
☒ Duty Desk, HBR
☒ Office File (w/Original Distribution List)
☒ OSC (w/Copy of Distribution List)

Other: DAN CRAFTON Other: _____
20 RIVER SIDE DR
MA DEP LAKEVILLE

MA 02347

Other: Paul Lonnely Other: _____
Env. Coordinator CITY OF TAUNTON
15 Summer St
Taunton MA 02780

M ☐ Philip O'Brien, NH Dept. of Environmental Services
P.O. Box 95, 6 Hazen Drive, Concord, NH 03301-6509

M ☐ Mark Begley, Mass. Dept. of Env. Prot., Bureau of Waste
Site Cleanup, 1 Winter Street, Boston, MA 02159

M ☐ (Name _____)
RI Dept. of Environmental Management
291 Promenade St.
Providence, RI 02908-5767

M ☐ (Name _____)
Conn. Dept. of Environmental Protection
79 Elm St.
Hartford, CT 06106-5127

M ☐ (Name _____)
Vermont Dept. of Environmental Conservation
103 South Main St., West Bldg.
Waterbury, VT 05671-0404

M ☐ (Name _____)
Maine Dept. of Environmental Protection
State House - Station 17
Augusta, ME 04333